



## SOFT X-RAY TOMOGRAPHY WORKSHOP

TBA, 2016

### Organizers

**Mark A. Le Gros**, University of California San Francisco

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### Topics

- Data processing
- Tomographic reconstruction
- Segmentation
- Analysis of cell and sub-cellular volumes
- Cell structure

The goal of this workshop is familiarizing attendees with the most important concepts and practices used to characterize single cells by for x-ray tomography. Attendees will get hands on experience using state of the art computational tools, including the opportunity to segment real data using the Amira soft ware suite. During the workshop three experts in the field will provide one-on-one help and guidance. At the end of the workshop attendees will have gained a significant understanding of soft x-ray tomography, and the potential use of this method in attendees own research program or projects.

Further details — <http://ncxt.lbl.gov/CSH16>